

**ELECTRONIC BATTERY TESTER/CHARGER WITH
INTEGRATED BATTERY CELL TEMPERATURE
MEASUREMENT DEVICE**

ABSTRACT OF THE DISCLOSURE

5 An electronic battery tester for testing a
storage battery that includes a battery housing with
a plurality of electrochemical cells electrically
connected to terminals of the battery is provided.
The battery tester includes positive and negative
10 connectors that can connect to the battery terminals.
The tester also includes a temperature sensor that
can measure a temperature of an individual
electrochemical cell of the plurality of
electrochemical cells. Processing circuitry, which is
15 coupled to the temperature sensor, is configured to
test the battery using the positive and negative
connectors and to provide an output related to the
temperature measured by the temperature sensor. The
present invention also provides a battery charger
20 with an integrated battery cell temperature sensor.